CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET SACRAMENTO, CA 95814-5512 www.energy.ca.gov



NOTICE OF PROPOSED AWARD (NOPA)

GFO-15-308
Groups 5 and 6 only
Reducing Costs for Communities and Businesses Through Integrated DemandSide Management and Zero Net Energy Demonstrations
December 28, 2015

On September 23, 2015, the California Energy Commission released a competitive solicitation titled "Reducing Costs for Communities and Businesses Through Integrated Demand-Side Management and Zero Net Energy Demonstrations" under the Electric Program Investment Charge (EPIC) Program. The purpose of this solicitation is to fund research, development and demonstration to help overcome technical and other barriers that prevent achievement of the State of California's goals for increasing energy efficiency in existing buildings and setting zero net energy targets for new and existing buildings. Each application was required to fall within one of six applicable project groups. Up to \$34 million in EPIC funding is available for grants awarded under this solicitation. This NOPA identifies selected projects for groups 5 & 6 only. Groups 1, 2, 3, & 4 are currently being scored. The NOPA for these four groups is anticipated to be posted in mid-January 2016.

The Energy Commission received seven proposals for Group 5 and four proposals for Group 6 by the due date of November 20, 2015. The proposals were screened, reviewed, evaluated and scored using the criteria in the solicitation.

The attached "Notice of Proposed Award" identifies the Applicants that are recommended for funding by Energy Commission staff and includes the recommended funding amount and score. The total amount recommended for Group 5 is \$13,756,149. The total amount recommended for Group 6 is \$9,762,665.

Funding of the proposed projects resulting from this solicitation is also contingent upon the approval of the projects at a publicly noticed Energy Commission Business Meeting and execution of a grant agreement. If the Energy Commission is unable to timely execute a funding agreement with the Applicant, the Energy Commission, at its sole discretion, reserves the right to cancel or otherwise modify the pending award.

This notice is being mailed to the Applicants of this solicitation and is also posted on the Energy Commission's website at: www.energy.ca.gov/contracts/.

For information, please contact Cory Irish at (916) 654-4739 or cory.irish@energy.ca.gov.

Cory Irish

Commission Agreement Officer



California Energy Commission GFO-15-308

Reducing Costs for Communities and Businesses Through Integrated Demand-Side Management and Zero Net Energy Demonstrations

Notice of Proposed Awards Groups 5 and 6 December 28, 2015

Group 5: Technology Demonstration and Deployment: Integrated Demand-Side Management Demonstrations to Achieve Maximum Efficiency

| Rank Number | Project Applicant | Project Title | Energy Commission Funds Requested | Energy Commission Funds Recommended | Match Funds | Score | Award Status |
|---------------------------|-----------------------------------|--|--------------------------------------|--|----------------|-------|-----------------|
| Group 5 Proposed Awards | | | | | | | |
| 1 | Center for Sustainable Energy | San Diego Public Libraries Zero Net Energy and Integrated Demand Side Management Demonstration Project: Achieving Clean Energy Solutions through a Public-Private-Non Profit Partnership | \$3,866,184 | \$3,866,184 | \$973,147 | 86.54 | Awardee |
| 2 | Prospect Silicon Valley | MarketZero: Taking an existing grocery store to scalable near- ZNE | \$2,999,591 | \$2,999,591 | \$650,000 | 84.71 | Awardee |
| 3 | Electric Power Research Institute | Customer-Centric Approach to Scaling IDSM Retrofits | \$3,894,721 | \$3,894,721 | \$799,517 | 84.46 | Awardee |
| 4 | Prospect Silicon Valley | Innovate Net Zero: First ZNE Demonstration in Existing Low- Income Mixed-Use Housing | \$2,995,653 | \$2,995,653 | \$800,000 | 78.42 | Awardee |
| Total Funding Recommended | | | \$13,756,149 | \$13,756,149 | \$3,222,664 | | |



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Notice of Proposed Awards Groups 5 and 6 December 28, 2015

| Group 5 Did N | Group 5 Did Not Pass | | | | | | | |
|----------------------|---|---|--------------|-----|-------------|--------------|--|--|
| | Advanced Automated Utility | Scalable Low-Cost Demand Side Management Technologies for Energy-Efficient Building Management | \$3,004,971 | \$0 | \$1,040,210 | Did Not Pass | | |
| | The Zero Net Energy Alliance | The Balboa Park ZNE Community Demonstration- Establishing a Comprehensive Technical, Policy, Economic, Education, and Market Acceleration Framework for the Nation's Most Visited ZNE Community | \$4,399,085 | \$0 | \$1,394,781 | Did Not Pass | | |
| | The Regents of the University of California | Integrated Demand Side Management Architecture to Achieve Zero Net Energy in California's Schools and Small Commercial Facilities | \$3,722,127 | \$0 | \$7,494,153 | Did Not Pass | | |
| Total | | | \$11,126,183 | \$0 | \$9,929,144 | | | |



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Reducing Costs for Communities and Businesses Through Integrated Demand-Side Management and Zero Net Energy Demonstrations

Notice of Proposed Awards Groups 5 and 6 December 28, 2015

Group 6: Technology Demonstration and Deployment: Large-Scale, Community Wide Demonstrations to Achieve Zero Net Energy

| Rank Number | Project Applicant | Title | Energy Commission Funds Requested | Energy Commission Funds Recommended | Match Funds | Score | Award Status |
|----------------------|--|--|--------------------------------------|--|----------------|-------|-----------------|
| Group 6 Propo | osed Awards | | | | | | |
| 1 | California Homebuilding Foundation | Zero Energy Residential Optimization- Community Achievement (ZERO - CA) | \$4,819,856 | \$4,819,856 | \$2,612,604 | 91.46 | Awardee |
| 2 | Electric Power Research Institute | Demonstration of Affordable, Comfortable, Grid Integrated Zero Net Energy Communities | \$4,942,809 | \$4,942,809 | \$1,509,482 | 84.32 | Awardee |
| Total Fun | Total Funding Recommended | | | \$9,762,665 | \$4,122,086 | | |
| Group 6 Did N | lot Pass | | | | | | |
| | UCLA Smart Grid Energy Research Center | Dynamic Zero Net Energy Building Operation in Real Time: DC Microgrid, Demand Response, and Energy Management | \$5,000,000 | \$0 | \$1,000,000 | | Did Not Pass |
| | The Regents of the University of California | The University of California Merced, 2020 Project | \$5,000,000 | \$0 | \$1,000,000 | | Did Not Pass |
| Total | | | \$10,000,000 | \$0 | \$2,000,000 | | |
| Grand To | tal | | \$44,644,997 | \$23,518,814 | \$19,273,894 | | |